

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("5337963").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 07:02
S2	12	("4381533"   "4476515"   "4659012"   "4776515"   "4962885").PN. OR ("5337963").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 07:20
S3	29	("2357354"   "2525347"   "3802625"   "3988128"   "4095962"   "4239504"   "4294588"   "4549243"   "4738690"   "4776515"   "5290600"   "5310416"   "5337963"   "5503335"   "5518525"   "5843210"   "5902380"   "5914454"   "5958361"   "5980614"   "6156098"   "6500240"   "RE30479").PN. OR ("6656253").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 07:21
S4	21	("1958406"   "2207576"   "2357354"   "2525347"   "3016979"   "3503704"   "3520662"   "3656171").PN. OR ("RE30479").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 07:22
S5	30	("3503704").URPN.	USPAT	OR	ON	2007/02/08 07:41
S7	404	(239/34).CCLS:	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/08 07:42
S8	257	(239/145).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/08 07:42
S9	113	(239/326).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/08 07:42
S10	9	("4846407"   "5196171").PN. OR ("5503335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 08:08

## EAST Search History

S11	489	(239/690).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/08 17:28
S12	6	azukizawa-shigekazu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:08
S13	36	wakaba-sadahiko.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:10
S14	352	suda-hiroshi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:37
S15	2590	electrostatic\$4 with atomiz\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 08:10
S16	191	S15 and (first with second with electrod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 15:49
S17	8	("4328940"   "4509694"   "4560107"   "4703891"   "4762274"   "5042723").PN. OR ("5975425"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 13:45
S18	37	S15 and humidif\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 16:46
S19	184	électrostatic\$4 with humidif\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 17:39

## EAST Search History

S20	45	("2573168"   "3360665"   "3427480"   "3511323"   "3772538"   "3805348"   "3861852"   "4052004").PN. OR ("4193009"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 14:17
S21	2	("5337693").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/08 14:17
S22	13	("2914221").PN. OR ("4581675"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 14:22
S23	18	("2656824"   "2766582"   "3841824"   "4034728"   "4051826"   "4064852").PN. OR ("4173206"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 14:31
S24	7	("3068115").URPN.	USPAT	OR	ON	2007/02/08 14:36
S25	78	("2723646"   "2945443"   "3096762"   "3131131"   "3232292"   "3456646"   "3811620"   "3837573"   "3897905"   "3930061"   "3958959"   "4043331"   "4044404"   "4073002"   "4150644"   "4186886"   "4198781"   "4203398"   "4216915"   "4266721"   "4306685"   "4356528"   "4380786"   "4401274"   "4439980"   "4467961"   "4476515"   "4508265"   "4509694"   "4549243"   "4565736"   "4634057"   "4657793"   "4659012"   "4671289"   "4702415"   "4703891"   "4735364"   "4748043"   "4749125"   "4779515"   "4788016"   "4795330"   "4801086"   "4811898"   "4829996"   "4830872"   "4846407"   "4962885"   "4979680"   "5044564"   "5086972"   "5115971"   "5180288"   "5196171"   "5222663"   "5267555"   "5341801"   "5381789"   "5382410"   "5402945"   "5409162"   "5483953"   "5511726"   "5655517"   "5813614"   "6079634"   "6105571").PN. OR ("6457470"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 14:45

## EAST Search History

S26	45	("2140516"   "2692327"   "2931880"   "3431393"   "3518409"   "3610879"   "3633881"   "3659078"   "3714392"   "3771233"   "4400332"   "4419302"   "4776515"   "4829996"   "4928881"   "5196171").PN. OR ("5382410"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 14:51
S27	35	("3992221"   "4366125"   "4643876"   "4670010"   "4704942"   "4817800"   "4818488"   "5058785"   "5074322"   "5084239"   "5095925"   "5115166"   "5178829"   "5184046"   "5288460"   "5382410"   "5393490"   "5516369"   "5604993"   "5622595"   "5648046"   "5667753"   "5700327"   "5750072"   "5770000"   "5858108"   "5876666"   "5882611"   "5935339"   "5942438"   "5975094"   "5983704"   "6017414"   "6062976"   "6706243").PN. OR ("7008592").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 14:54
S28	66	("0705697"   "3152762"   "3247374"   "3296491"   "3384446"   "4356528"   "4419326"   "4477414").PN. OR ("4776515"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 14:59
S29	29	("2357354"   "2525347"   "3802625"   "3988128"   "4095962"   "4239504"   "4294588"   "4549243"   "4738690"   "4776515"   "5290600"   "5310416"   "5337963"   "5503335"   "5518525"   "5843210"   "5902380"   "5914454"   "5958361"   "5980614"   "6156098"   "6500240"   "RE30479").PN. OR ("6656253"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 15:02
S30	9	("4846407"   "5196171").PN. OR ("5503335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 15:07
S31	12	("4381533"   "4476515"   "4659012"   "4776515"   "4962885").PN. OR ("5337963").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 15:11
S32	29	("2894175"   "4157162"   "4264641").PN. OR ("4659012"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 15:13

## EAST Search History

S33	36	("1958406"   "2826513"   "2893893"   "2955565"   "3212211"   "3339840"   "3521125"   "3997817"   "4009829").PN. OR ("4381533").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 15:20
S34	59	("0705691"   "3114654"   "3262019"   "3558903"   "3579245"   "3802625"   "3930614"   "3997817"   "4106697"   "4113809"   "4334531"   "4341347"   "4356528"   "4381533"   "4476515"   "4545525"   "4549243"   "4561037"   "4630169"   "4634057"   "4663639"   "4702418"   "4749125"   "4776515"   "4788016"   "4795330"   "4829996").PN. OR ("5115971").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 15:26
S35	12	("3503704"   "4095962"   "4531056"   "5015845"   "5115971"   "5170053"   "5247842"   "5344676"   "5873523"   "5992244"   "6145391").PN. OR ("6860434").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 15:29
S36	30	("3503704").URPN.	USPAT	OR	ON	2007/02/08 15:34
S37	53	(239/697).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/08 15:35
S38	64	(239/698).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/08 17:27
S39	9	("3714392").URPN.	USPAT	OR	ON	2007/02/08 15:44
S40	29	("2076709"   "2763765"   "2843891"   "3319046"   "3610879"   "3659078"   "3714392"   "3971913"   "4132883").PN. OR ("4463248").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 15:49
S41	91	(392/337).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/08 15:49

## EAST Search History

S42	5	S41 and (first with second with electrod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 15:49
S43	383	capillary\$3 with humidif\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 16:46
S44	0	S15 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 16:47
S45	5	electrostatic\$4 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 17:31
S46	95	(239/690.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/08 17:28
S47	404	(239/34).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/08 17:31
S48	257	(239/145).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/08 17:31
S49	113	(239/326).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/08 17:31
S50	741	S47 S48 S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 17:31

## EAST Search History

S51	16	electrostatic\$4 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 17:31
S52	62	("2140516"   "2692327"   "2931880"   "3431393"   "3518409"   "3610879"   "3659078"   "3714392"   "3771233"   "4400332"   "4419302"   "4776515"   "4829996").PN. OR ("5196171"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:32
S53	73	("2723646"   "2945443"   "3096762"   "3131131"   "3232292"   "3456646"   "3811620"   "3837573"   "3897905"   "3930061"   "3958959"   "4043331"   "4044404"   "4073002"   "4150644"   "4186886"   "4198781"   "4203398"   "4216915"   "4264641"   "4266721"   "4356528"   "4380786"   "4439980"   "4467961"   "4476515"   "4508265"   "4509694"   "4549243"   "4659012"   "4671269"   "4702415"   "4703891"   "4735364"   "4748043"   "4749125"   "4776515"   "4788016"   "4795330"   "4801086"   "4811898"   "4829996"   "4830872"   "4846407"   "4962885"   "4979680"   "5044564"   "5086972"   "5115971"   "5180288"   "5196171"   "5222663"   "5267555"   "5341801"   "5381789"   "5382410"   "5396882"   "5402945"   "5409162"   "5483953"   "5511726"   "5655517"   "5927618"   "6079634"   "6386195"   "6394086"   "6457470").PN. OR ("6880554").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:33
S54	2	("6595208").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/08 18:02
S55	131	(96/27).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/12 07:54

## EAST Search History

S56	7	("2525347"   "4435190").PN. OR ("4979968").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/12 07:18
S57	30	("2525347"   "3016979"   "3520662"   "3656171").PN. OR ("3958959").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/12 07:50
S58	207	(96/53).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/12 08:02
S59	180	(96/52).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/12 08:05
S60	150	(95/71).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/12 08:09
S61	19116	("95").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/12 08:09
S62	27955	("96").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/12 08:09
S63	40681	S61 S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 08:09
S64	2590	electrostatic\$4 with atomiz\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 08:10
S65	48	S63 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 08:10



## EAST Search History

S66	27	("0788805"   "1676943"   "1958406"   "4381533"   "4431137"   "4476515"   "4477414"   "4580721"   "4659012"   "4776515"   "4830872"   "4846407"   "4962885"   "5176321"   "5196171"   "5337963"   "5487782"   "5503335"   "5542605").PN. OR ("5927618"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/12 09:42
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